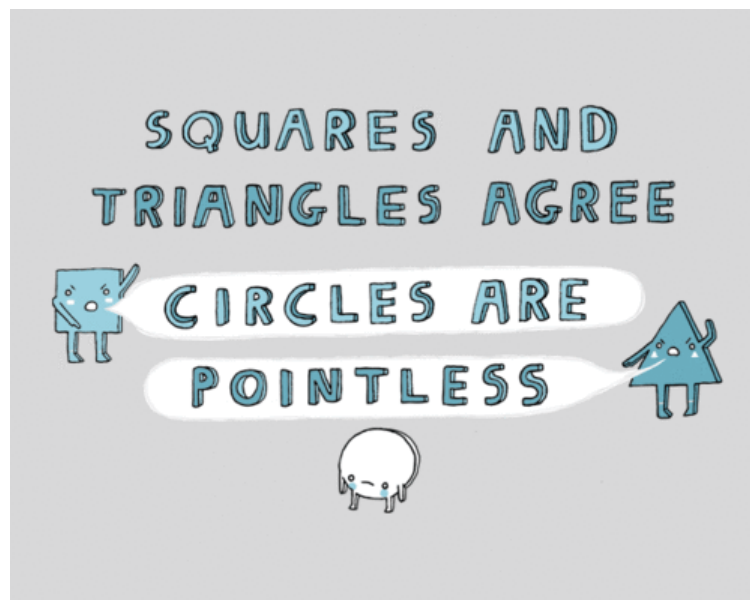


UNIT 4**Congruent Triangles**

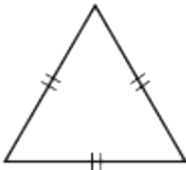
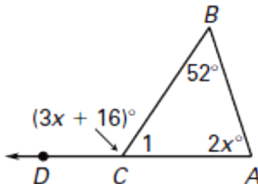

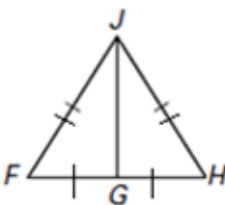
SECTION	TARGET	TITLE	HOMEWORK
4.1	4A	Classifying Triangles	Unit 4 Worksheet 1 Classifying triangles
4.1	4B	Angle Sums	Unit 4 Worksheet 2 Angle Sums
4.7	4C	Isosceles/Equilateral Triangles	Unit 4 Worksheet 3 Isos/Equa triangles
4.2	4D	Congruent Triangles	Unit 4 Worksheet 4 Congruent triangles
	NGA	Activity for practice NGA	Finish Activity
	NGA	Practice NGA	None
	4A-4D	Review	Unit 4 Worksheet 5 Quiz Review
Quiz	4A- 4D	Quiz 4.1, 4.2, 4.7	None!!!!
4.3 & 4.4	4E & 4F	SSS/SAS	Unit 4 Worksheet 6 SSS/SAS
4.5	4E & 4F	ASA/AAS	Unit 4 Worksheet 7 ASA/AAS
4.4	4E & 4F	HL	Unit 4 Worksheet 8 HL
4.6	4G	CPCTC	Unit 4 Worksheet 9 CPCTC
Review	4A-4G	Review 4.1-4.7	Unit 4 Worksheet 10 Review Packet
Review	4A-4G	Review 4.1-4.7	Stations Day
TEST	4A-4G	Unit 4 Test	NONE!!!!

Remember all late work is due by the **last day** of the chapter! This schedule is tentative and subject to change. Check announcements on the website if there are changes.



- 1) I've never seen this topic before and wouldn't even know how to begin.
- 2) I've heard or seen this before, but don't know how to start or complete the problem
- 3) I know the topic and can work through the problem but am unsure whether I am correct.
- 4) I feel comfortable that I could present my work and solution to the class.
- 5) I feel that I could correctly teach this topic to another student if asked.

By the end of this unit, you should be able to:

	Section	Target	Examples	1	2	3	4	5
4A	4.1	Classify triangles by their angle measures and their side lengths	 <p>Classify the triangle by its sides and angles</p>					
4B	4.1	Solve for the missing angle in a triangle using the Triangle Sum Theorem and solve for the exterior angle of a triangle	 <p>Solve for the value of x</p>					
4C	4.7	Identify the parts of Isosceles triangles. Use the properties of isosceles and equilateral triangles to solve algebraic problems.	 <p>Name the legs and the base of the triangle. Name the vertex angle and base angles.</p>					
4D	4.2	Write an congruence statement, and use a congruence statement to prove the congruent sides and angles of a triangle	If $\triangle ABC \cong \triangle XYZ$, then $\overline{BA} \cong$ _____					
4E	4.3-4.5	Prove triangles are congruent using postulates and theorems (SSS, SAS, ASA, AAS and HL)	 <p>How can you prove $\triangle FJG \cong \triangle HJG$</p>					
4F	4.3-4.5	Write a proof that shows the steps to prove a triangle congruent	Prove that $\triangle FJG \cong \triangle HJG$ from the picture above					
4G	4.6	Use CPCTC to prove parts of a triangle are congruent.	Prove that $\angle F \cong \angle H$					